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NOTICE OF ALLOWANCE AND FEE(S) DUE

26675 7590 07/02/2008 Driggs, Hogg, Daugherty & Del Zoppo Co., L.P.A.

DEPT. IRA
WILLOUGRY HILLS, OH 44094

EXAMINER

RIYAMI, ABDULLA A

ART UNIT

PAPER NUMBER

2616 DATE MAILED: 07/02/2008

 APPLICATION NO.
 FILING DATE
 FIRST NAMED INVENTOR
 ATTORNEY DOCKSET NO.
 CONFRMATION NO.

 10/772,737
 02/05/2004
 Claude Basso
 RPS92/09/0157US1
 9787

TITLE OF INVENTION: STRUCTURE AND METHOD FOR SCHEDULER PIPELINE DESIGN FOR HIERARCHICAL LINE SHARKING

 APPLN. TYPE
 SMALL ENTITY
 ISSUE FEE DUE
 PUBLICATION FEE DUE
 PREV. PAID ISSUE FEE
 TOTAL FEE(s) DUE
 DATE DUE

 nonprovisional
 NO
 \$1440
 \$300
 \$0
 \$1740
 10/02/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FFE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| appropriate. All further indicated unless corrects maintenance fee notifica | correspondence includir ed below or directed oth | ig the Patent, advance on herwise in Block 1, by (a | rders and notification of r a) specifying a new corres | naintenance fees wil spondence address; a | ll be r ind/or | nailed to the current (b) indicating a sepa | correspondence address a arate "FEE ADDRESS" fo |
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| 26675 | 7590 07/02 | | | Certi | ficate | of Mailing or Trans | mission |
| 38500 CHARDO DEPT. IRA | ON ROAD | Zoppo Co., L.P.A. | I he Stat addi tran | reby certify that this es Postal Service wit ressed to the Mail S smitted to the USPTO | Fee(s th suff Stop 1 O (571 |) Transmittal is being icient postage for fire SSUE FEE address) 273-2885, on the d | g deposited with the United at class mail in an envelope above, or being facsimile ate indicated below. |
| WILLOUGBY I | HILLS, OH 44094 | | | | | | (Depositor's name) |
| | | | <u> </u> | | | | (Signature) |
| | | | | | | | () |
| APPLICATION NO. | FILING DATE | | FIRST NAMED INVENTOR | 1 | | RNEY DOCKET NO. | CONFIRMATION NO. |
| 10/772,737 TITLE OF INVENTION | 02/05/2004 STRUCTURE AND M | ETHOD FOR SCHEDU | Claude Basso LER PIPELINE DESIGN I | FOR HIERARCHIC | | 8920030157US1 | 9787 |
| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE | FEE | TOTAL FEE(S) DUE | DATE DUE |
| nonprovisional | NO | \$1440 | \$300 | \$0 | | \$1740 | 10/02/2008 |
| EXAM | IINER | ART UNIT | CLASS-SUBCLASS |] | | | |
| RIYAMI, A | | 2616 | 370-230000 | • | | | |
| Change of correspondence address or indication of 'Fee Address' (37 CFR 1.55.) Change of correspondence address for Change of Correspondence Address from PIOSB/123 Jaunehood of Change of Correspondence Address from PIOSB/123 Jaunehood of Tee Address' indication for Fee Address' indication form PITOSB/147 Landress' indication form PITOSB/1 | | | (I) the names of up to or agents OR, alternativ (2) the name of a single registered attorney or a 2 registered patent atto- listed, no name will be | 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a 2 registered patent attorneys or agents. If no name is 3 listed, no name will be printed. EDATICAL Treatment attorneys or agents. If no name is 3 listed, no name will be printed. | | | |
| PLEASE NOTE: Uni recordation as set fort (A) NAME OF ASSI | less an assignee is ident h in 37 CFR 3.11. Comp GNEE | ified below, no assignee eletion of this form is NO | data will appear on the p T a substitute for filing an (B) RESIDENCE: (CITY | atent. If an assignee assignment. and STATE OR CO | UNT | RY) | ocument has been filed for |
| 4a. The following fee(s) Issue Fee Publication Fee (N | vo small entity discount p | | b. Payment of Fee(s): (Plea A check is enclosed. Payment by credit car The Director is hereby overpayment, to Depo | d. Form PTO-2038 i | is attac | ched. | shown above) ficiency, or credit any n extra copy of this form). |
| | s SMALL ENTITY state | s. See 37 CFR 1.27. | b. Applicant is no lon | | | | |
| NOTE: The Issue Fee an interest as shown by the | d Publication Fee (if req records of the United Sta | iired) will not be accepted tes Patent and Trademark | d from anyone other than t Office. | he applicant; a regist | ered a | ttorney or agent; or th | ne assignee or other party ir |
| Authorized Signature | | | | Date | | | |
| Typed or printed name | | | | Registration No | | | |
| This collection of inform an application. Confiden submitting the complete this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223 | nation is required by 37 C tiality is governed by 35 d application form to the ions for reducing this but 'irginia 22313-1450. DC k13-1450. | FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the ONOT SEND FEES OR (| on is required to obtain or r 1.14. This collection is est depending upon the indiv e Chief Information Office COMPLETED FORMS TO | etain a benefit by the imated to take 12 mi idual case. Any com er, U.S. Patent and Ti D THIS ADDRESS. | publi inutes iments radem SENE | to which is to file (and to complete, including son the amount of time ark Office, U.S. Dep TO: Commissioner | by the USPTO to process g gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450 |

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PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.



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| 10/772,737 | 02/05/2004 | Claude Basso | RPS920030157US1 | 9787 | |
| 26675 7 | 590 07/02/2008 | | EXAM | INER | |
| Driggs, Hogg, D | augherty & Del Zopp | RIYAMI, ABDULLA A | | | |
| 38500 CHARDO! | | ART UNIT | PAPER NUMBER | | |
| DEPT. IRA WILLOUGBY HI | LLS, OH 44094 | | 2616 DATE MAILED: 07/02/200 | 8 | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 967 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 967 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

| Application No. | Applicant(s) | |
|-------------------|--------------|--|
| 10/772,737 | BASSO ET AL. | |
| Examiner | Art Unit | |
| ADDITI ALI DIVAMI | 2616 | |

| The MAILING DATE of this communication appears on the cover sheet with the correspondence address |
|--|
| All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included |
| herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS |
| NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative |
| of the Office or upon petition by the applicant. See 37 CFR 1,313 and MPEP 1308. |

- This communication is responsive to 06/12/2008.
- The allowed claim(s) is/are 1-2 and 5 (renumbered 1-3).
- 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) \square All b) ☐ Some* c) ☐ None of the:
 - 1.

 Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No.
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
- CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6.

DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date
- 4. T Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- Interview Summary (PTO-413), Paper No./Mail Date
- 7. X Examiner's Amendment/Comment
- Examiner's Statement of Reasons for Allowance
- 9. Other _____.